

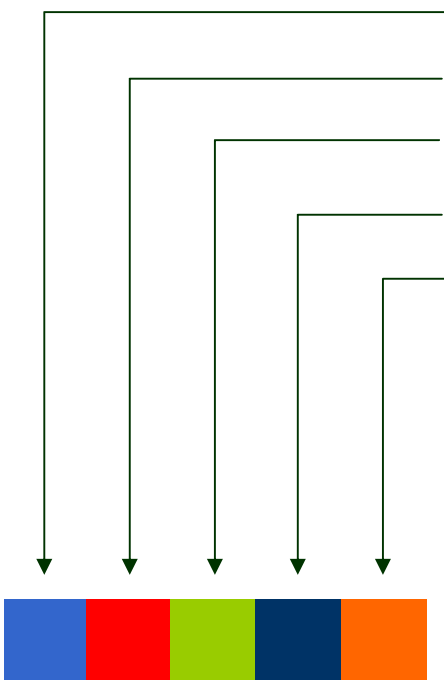
Introducing

Oxygen Gas Sensor

Model #SS2118(Oxygen Sensor)



Oxygen
Carbon Monoxide
Hydrogen Sulfide
Hydrogen
Sulfur Dioxide



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Oxygen Gas Sensor

Model Number #SS2118

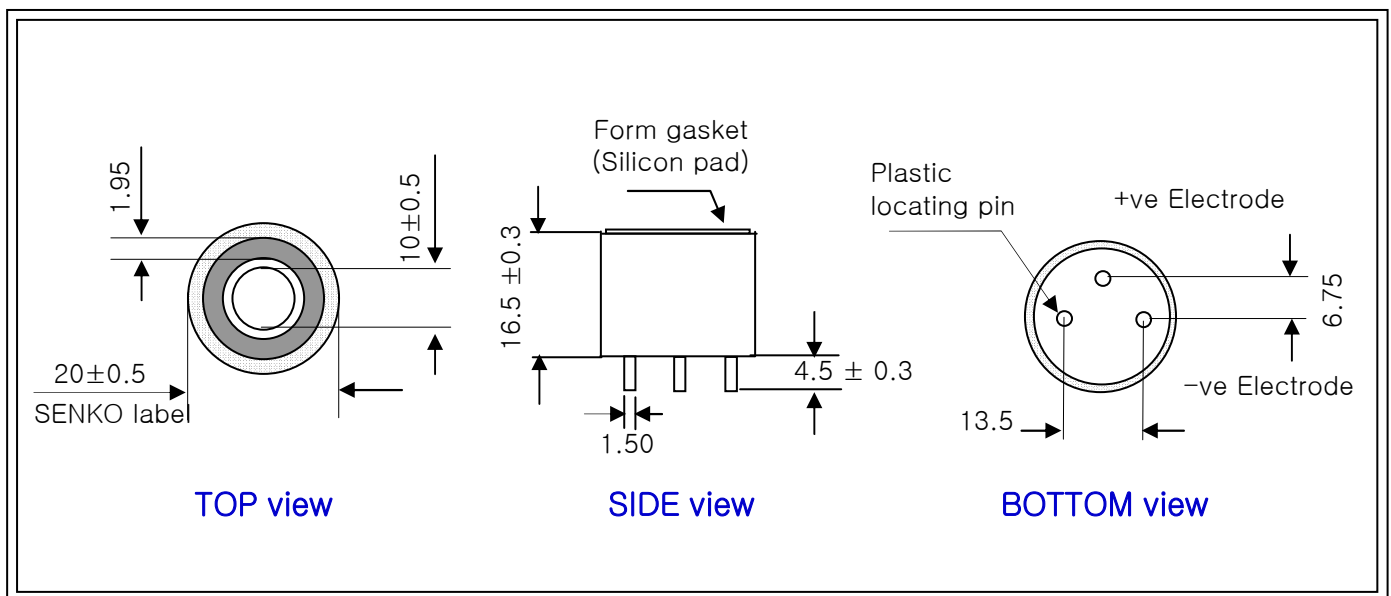
– PRODUCT DESCRIPTION –

Electrochemical oxygen gas sensor(SS2118) controls oxygen gas flow with micro capillary hole. The output of SS2118 is linearly proportional to the oxygen concentration in the range of 0~30%. SS2118 doesn't measure the partial pressure of oxygen but the volume percent of oxygen in air. The output of SS2118 is very stable under operational temperature range. The oxygen gas sensor has speedy response time, stability state and long life time.

– APPLICATIONS –

- Ideal for portable instrument
- Industry safety (ambient air monitoring applications)
- Combustion efficiency analysis
- etc.

– OUTLINE DIMENSION –



DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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Model Number #SS2118

- SPECIFICATIONS -

Sensor Type: Galvanic cell (lead-oxygen battery)
Measurement Range: 0 ~ 30% oxygen

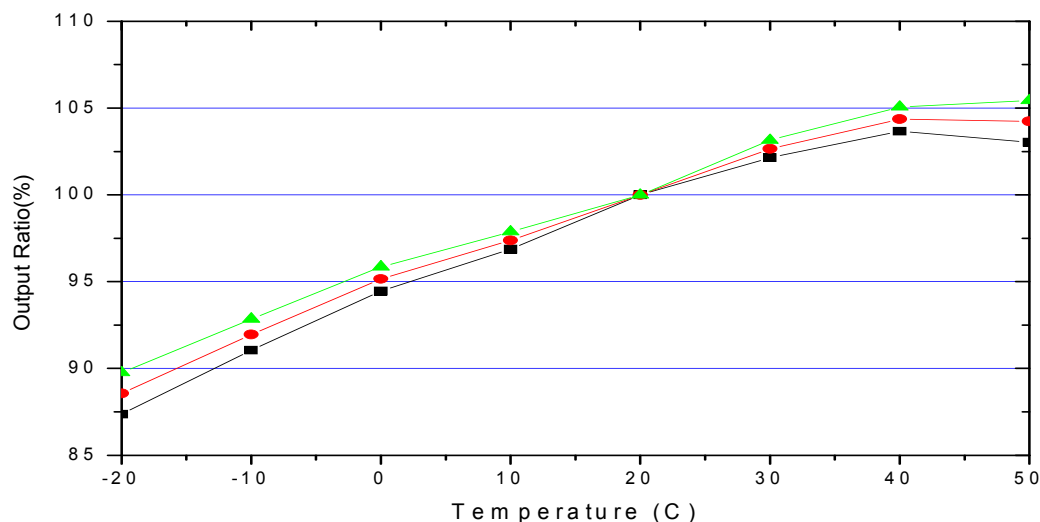
Expected Operating Life: 24 months and more in 20.9% O₂
Output Signal: 90 ± 20μA in air @ 25°C 60% RH

Load resistor: 100Ω(Recommended)
Response Time: < 15 seconds for 90% response
Zero Offset: Less than 6 μA in 100% N₂ @ 25°C 60% RH

Temperature Range: -20 ~ 50 °C
Pressure Range: Atmospheric 10%
Operating Humidity: 0 ~ 99 % RH (non-condensing)
Long Term drift: <2% signal/month

Storage Temperature: 5 ~ 20°C
Warranty Period: 18 months from date of shipment under normal operating conditions

- PERFORMANCE -



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